AVAION

The Oldest American Aeronautical Magazine

JANUARY 4, 1926

Issued Weekly

PRICE 15 CENTS



VOLUME XX

SPECIAL FEATURES

THE POWELL RACER
AVIATION IN THE RIFF
THE AMERICAN POLAR FLIGHT PROJECT

GARDNER PUBLISHING CO., INC.
HIGHLAND, N. Y.

225 FOURTH AVENUE. NEW YORK
Entered as Second-Class Melitor, Nov. 22, 1950, at the Part Office, at Righland, N. Y.

Jensey 4, 1906

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Seattle, Washington





January 4, 1926

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Descriptive Broklet open recent Offices and Factory-Sidney, New York

January 6, 1906



Cleveland-Air Center

THE establishment of Cleveland's new and splen-did nic nort crestallizes a development which has The Star in the Str. Whether on the visit of a been under way for years—it assures the position ate century. Absents strutegrally favored for land Here at this conter of percentaged activity and traffic. The Giren L. Martin Common has already

schooled a nomine supply of expert strengt mefucinities. There transform the visions and him prints of the Martin sero-regimeering staff, with world's most advanced thring costs

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L.D. Wierron

AVIATION

W. Laurence Laffrage M W Borne Earnes P. Wasser

IANUARY 4, 1926

TWY 17H THIS, the first name of 1828. Avvisors greats str. hores. Was the append year bring to attenues exceed as note-

To priest the account tent events of 1945 would, so believe ten mark to declare that more progress has been usedo in

Arrestable) education would be the peoper designation of adopted to to the possibilities of figure as well as its finite- PINE ANNOTHERITY at a new Ardre venture in the structure wark in 1805. To she task, named ats exceden-

The Bincham Bill

THE PIEC POST result of the recommendations made by sil Scrotz of The Bougham Bill to proceeds and regulate Sping to

The bill defice from all others that have been associated, rar to sir work within the confiner of a single state, to head of difference to all important and, while some of the language latest of the money would be regulate and promote com-

Secretary of Commerce and his Assistant, region than to a muor elicat. It contraines responsibility and makes the

The wide describency powers given to the authorities

Fortunately, the Buncham 243 has taken the attration role tinguish. If the law, before to find promps, is not assended, so as to change its purposes, a keppy solution of the

The Polar Flight

nestrictor, was oping, should some the present returns

As to the tolue of such an expedition, it is indepenting to the certs. From the withkey standpoint, it is frequently Another discretize from previous suggestions is in the place possel undertaking in highly incrementable, but the grantest

Avadone Flight Project to Leave Early in Survey

NEW PROJECT for the creasest of the North Peler within that rock. Their resons are much made so of regions by surplace, has recently been Imcohed. The extraphic trafficer, founded on the drift of the sec, the words the first of the Kine silves, the Boos suits nothing but the block polar custs. "Keenay's hand

Expedition for Scientific Purposes

and it is directed by a board of control, bended by William Two supplies will be good for the flight which will start counted independently and almost simultoneously to William and to Staffenson Capters Wilkers was in London at the

Discovery of Land Expected

now, Alaska, and the les Pole. Reasons for this belief are First-The prevailing Arctic winds, as observed and a high land point synta in the anythorhood of the los

Scored. The Annie tides, as elected by Blants, the Faust-Ords, green, galls and safer ducks have been

observed fiying northward, role the Polter Son, from Trea...Prine countries, taken by several explorers, Sith-Artis whelen, who have returned from the

Stefanore cells the lee Pole the "Pole of Belaten Innowhere home the renter of the forary on, sale which so supplies



The roots star the costs polar region to be followed by the proposed

skip for a bass, it was appropri that it was really more propertied cole And so so one reached it. The lee-Pole in, so yet, the undirerrand pole.

Presented of Board of Control

The Board of Ontrol, which will govern the fight, one note of the following members: Common, William B. edge of the los pack, believe that had conta somewhere may blokement of New York, explorer, Loring Pattering of

No explaner has jut westered toward the center of the ice polar flight. Names skirted the see pack in the "France Captain William will take a row of straine regress and scale the surplemen. A group of plate and mechanics will It is expected that two nitplanes will be taken to Point Howard for first paymone. Righer or both may be seed on the point fight or Dights. One of these, a Fokker three-

Cupture William will rely on the Stefanson method of He save he does not believe it possible for wen to make their

Century Welliam will fly "light". He will carry enough fixed the wealth perped being modifier The combers of the expedition expect to loave Detroit by The complete personnel of the expedition has not ret

Terrole N. Javes Joins Curtiss Associatement in made of the experienced of Totals N

Mr. Joses is well known in asconational circles both in this country and about Ha record his seminative in First Lantzman in Navember, 2017. The very following he was Assestant Chief Test Pilot at Isomelan, receiving by on a process military ariskly and far a comber of years at-Mr. Joseph was one of the organizers of the Schneider Can

Curtiss Lark Makes Long Flight A Curton "Lock," with Wright JS, 200 her pretty, conspecwith twin femalific to speaker, which was delivered to the Florida

Airways Corp. on Don. 5, porestly osmoleted a 2,690 mais to Minni, Fig., across that stone to Pt Myers, Fig., and so Marier Read Chambers, Possident of the Florida Airways He man, the Wright It engine gives the place a crussing 2000 rules, and over an amarical an entering the reports also neems only two quarts of all from New York to gals per 100 miles.

The Steenasth of the British Air Force

dance were ready for flight on war or emergency service. stations ontails the home regarder. This is \$56 sirelanes.



AVIATION

A record consuming of the British Royal Ast Force: The "Karpton" flying heat, anapped with two Haylor "Line" segment

New French Load Carrying Altitude Records

Latest Farman 2000 Horsepower Giant Plane N SW load company records have been set up by Larum - one-L at a law set stringly been done, to adapted an passenger

The forward codays, right up to the goes of the faulton.

The world's records broken in this light were. Duration, corrying 1,566 kg (femor second 2 hr. 85 Pervion, corrise 2,300 hr (former record 2 hr 47)

Deration, entrying 4,800 kg (famor record 5 hr 47 Albhade with 3,000 kg (ferror record 4-673 m.)

Bandon, survive A800 km. No occupe marel.

The reschope on which Europeted flow, as one of the latest



The selets' reckyst is reached through a four leading to it



commencent, which is very roosy, the radio accountes to



at 2,130 spm. They drive two tractor and two pusher pro-

| Made types. Street tone I | Ambigo profesions are employed. |
|--|---------------------------------|
| The general depoin of th | to plane are: |
| Total Smith Total Smith Word Smith | 157 × 100 A) |
| District out to a | 1 000 kg |
| he second flight | 13,300 to |

Bettis and Doolittle Air Records Ratified Server, is winning the Pullbar Rose at Markel Field and of Loui James M. Dooktile, Ale Service, in wiczony the Londonna Belin, in the Curios Energ, proceed 200 km at a

Relevade Asm Exhibition The straine exhibition organized in the Belgrade Aera

The exhibition showed trace of similares which recovered with the Herman type 10, there was the recording and harolder struction Works, and the other by the Avanton Diverson at I notice to your your of Nevenber 200s, that the eventon

est could of beams population, It is probable that if an area of something gree street

would include a gratter population than the population of One half of all the necessary that for an Europe are There are probably more privately award and flows matopriber, yet we log behind to the metter of commercial and

transportation in scutteres and application ere he surrie name of the whole of Europe including Great Britists, as whole of Europe, meloding Great British, There is kiloly to be, in the near future, a considerable traffic along the coast in each direction from New York, the a renormble effect is made on the part of the citizens at New York to give their city the leading position that is melafully been as what is soon going to be the most farreading commerce and method of transportation that can read on this planet. Now is for first to get. We therefore It up as an evision have, both for land planes and for our planes. That they do not robes their effects to obtain other for, in the near future, it is going to take meny fields, and that is coming. Neglect or local opposition will indefinitely Commercy wears its own changels. There are fifty place:

Day of being the Orly of Contactiveple, a lambnute now must of a gapage Byzanius civilization, conceiled beauth Let not New York receive her primary and her highways by neglect of this new asymptote new just beginning whall will, within the lifetime of these new laving, everylader the

The Powell Racer

A Light Plane Incorporating Many Excellent Features of Larger Designs FIRST PLANE was desired for the 1974 six most and ordered into in March, 1925. Owing, however, to the British The design of the place is now nearly sightness mowite old

matter to ent down the weight very materially as an improved

The Wine Structure heavier of the fiffigure is no easy marker and probably has perer been attempted before in such a small theftness of The drawn of the fifthern was nich as to allow the ine how this was someoniched. The ten work was lead to one poor with the dibedrat healt in and not bent. Splicing

Land Formy Cassiderations

Correspond stress analysis was made of the wing and all had fasters should be at least so high for small edones as greater in the small place and give vice to leads difficult to

to the shows also enters unto thes resider to some extent. Bebered when tacketone up the wine The physical fundage was built on %" physical formers

The engine, a Brestal "Cherolt" in rated at 30 kp., was epole, etc., ra the plane, nerr designed to be sed out of one

A technology was fitted rate the wind shall, as there was

Count with at the Pured Plant. Note the above purchase lines

newtone size far it to go, some differeity being experienced sladge the pilot's logo. The palot's sent as about two mobile The Understrange The element is of the Ven true with decided axis. The verpersonnel of in booding. This can be recailed by righting a sample entrainties of the deflection of the sair take is somewhat of a needly and mean to weak out all right. A The graces discussions and performance figures are given capit, monitorial Also of velder Ann of Se. without relider



The Power Street of Asset At the two on the right will be found proved leavest densings of the plane. Dalon, details at the cultier assent drives right, contraction of the left number and in the relevon revised. Top left, educate and observe control Defen right contraction of the left stocky and in the above rested. Top left and details in the piece could be not seen to the second to the s

The 1927 Appropriations for the Air Services

FIRST following to an extent iron, the Dadget during with litters, the total for the Act Service in 1907 will receive to not

For the our services, the estimates every a total of \$42,467,-000, heing \$16,700,000 for the Army, \$22,301,000 for the Norv. 83.356,006 for the Agr Mod Sermes of the Part Office. These resounds implain appropriat actions retired, but de put include funds, proposed in other budget stress, for the pay of

Air Navigation Charts

The Hydrographic Office has been working for a long time

reciones of data received by gelets in their savigation will he meroporated in the new editions of the chart when they sharts, storoters of bonding fields, light losses, budys, and any Copt W. S. Cooley, U. S. Navy, in sharps of the Hydroamong Office annually that when the special studies

Another 'Round the World Flight

A first speed the world, of reservint interests and salested by Communicati Propers, so Disfers, will be used said

January 4, 1926

This Government is possible on orderly policy toward hulld-

uptour growth in this industry. If we continue the policy, Paris Decorates American Flyers Knot's liffers was commonwated on Dec. 14 in the office of thereon thousand, Military Greener of Pero, who per-

union, who coved in Moracca, was bended by Lorest Col-Willer and Thomas Bells. Ceptus Holden served with the ARE as a member of a Robrehorber outil and was credited with dawning outil

Helium Deposits in Ostario Dennier Personne of Orders, has made fits official tothe exercisest, which has, for some fine, been extracting

The Powell Recer Concessed from Proc 33

off the foor of the invelope and all three push rods to under this and have observance for working. Public are used re-

The designer wishes special credit to be given to the fullow-Allowa, F. Thatfile, and R. Walton, all students of the by I Kessaler, white A. Schurrer, proper accountial student at the University of Detroit, survied the mechan on a Furd readiler, all the way from Betreit to Nam Yan't and book,

Answers to Correspondents

CIN 1235 BUSINESS of writing for "America" is so made-D. Bell, who was unsetly burned a year wgo in a Lon Angeles But now Too decided I must either stor or on kroke

Joseph S. 2006

But I don't object to that. I'll give anybody advice. What note no in that subside ever sends a standard corridor for or Office Department-or that I print my even. Burb is not lustance. But I ma't do it. I haven't the time. The two A well-known easilier wrote to me the other fore-and if

By CY CALDWELL fermula for gotting one like at. Now next it resemble to suppose that if I have been to get an Arrest-doo-I'd get one for providing and rate said up if Netgadly. who went to know how to "got rate eventue". Persously

> No parties what the soknest of their letters may be all elduration to floor Arrangeds, I have instead these or

end it, and ember toward some not own Detroit The Investor Writes A public and washy stars of correspondent, who has been

New a pepty like that has two distinct advantages. It will sked or the plane will red enoug. Folders and disperse great compliment to me. It certainly speaks well for my



The Med Geleval "Pilitons" is deal control for purpose Nova place. Excepted web a World: "Wildrand" 200 for copies, the marking loss of

and grove out from them. Sense time upo a tour words asking the readition and value wen ready for the junk man, if any plaze ever sen. "Do you consider it a such has T be asked. I delet want to say Refresso mod-less mentioned in your letter, I have to ad-

And he sover even wrote thatking me for spending time Well, Per hopeld my but stone. Hereafter Pil samer Correspondents through the keppy medium of "Aviance" Garmondedon through the keppy medium of "Avanton" and its L.D.G. pay the postupe. Here's a letter I get today without a prince stame. Fin all out of stames, or Fd an-

I have reed with interest your expect and enrious articles is Amounts. They have been a great help to me. Any habit of terring to your column, and concremed to delically writings are a solid mek in a sea of light and frethy lifersture, such as the Army and Yeary Oction provided at the

if possible, and believe I should learn excelly. Shall I

Or may I me, "my deer Lem?" Is in m much more fraced

Or say I so, "by deer Lam?" In it is much more frame-by, in it not? I am charmed by your wall letter and your testion, really sharmed, Lam, my days skild. To our of not vigue, expensive when benuty in conducted with worth, on in Of course you may sense, my deer. Peck up sud-Dor't want to mark. Once you as you are. Til land after you him a gracefundher -- you'll hard a know the difference -- I have sa" No.-that's Lattle Red Holing-but no matter. I fed strangely conted today; it must be the weather, or comething I just now year passes—ire so and no worm a room your age. Here benefith, of course. But I won the hole of improcess, you have! Desig dear! What is child I wen! Aftern on masked, of course, but a charman billy follow. nevertheless. But how I yen an' Come on noon on you

Your affectionate instructor.

Merchandising in a New Field

By M. J. McINANEY Anniani Jaka Namur

not been tous remother assumental eviation up to date mental places and almost every week or two no one a new The strengt manufacturer and dealer of the future, will

Various suchedo of detter experition have been adopted, An aggressive advertising exception using several different pedigns is strendy under way. Very good results have al-

over housest in a more profitable memory. For metanes, a desire in engaged in the person humans. The Alternative ann't he engage near in loops over his raise and service. He

A closes in the dealer contract recover the resting in to the bown office of momen and addresses of all prospects in-terested by the dealer. These proposeds will be followed us s cost to lize: A dester will she be visited by flying sales passastion run,

Trupper in Solectropological Place on upder way to turn out a mire pount and sales

methods of selling and salesmen who deare to become aventure well be gross a course in fixing. In this way a face of accountry aristic advance, will be opening. cotoning. They must realize that the airphase will rome day

The Schneider Cup Winner was Valsparred! W/INNING the Pultter 1925 Trophy Wand smeshing the world's land plane record for a triangular course was not enough slory for this Curtiss army racer. Two weeks later - equipped with a pair of floors is suon the Schrouder Con Bace. as well. Prioted by Lacotropor James H. Doolittle, it covered the 350 kilometer course at the rate of 232,573 m.n.h.-

more than 33 m.p.h. faster than England's

official time, over a three mile conven-

rife orded of sirolane service!

course! For the Curtiss Company lone ago discovered that Valapar is the one

.challenging sosplane Then to can the climax this weeran chammon, the very next day, established a new sentlane record of 245,715 m.n.h..

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find accounting and moderal constitute had to be breaged to \$3.500.00 Type 2-A WOODSON EXPRESS

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"A word also about the motor. The Wright I-6 200 HP must the about a crusion seed of better than 100 might. The meter had practically no according to the scip

"I believe this place his treatendors possibilities from either a texanag or canassical

This is but one of the Lack senses. In addition to the J-t 200 HP air cooled motor installation, the Lark is built with either the 190 HP Hisso motor or the Curtis C-6 160 HP motor, severa a more of performance suitable for varying terms of commercial

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The following figures show the extent of the firing opera



or of maledance adoptions degree these operations. JUST 101 and of both coupe, that begin of what sett were leaved when the property of the pr

APPLICATION is of heads dropped, 2005 Fights, of which 237 were two or, at the most, three planes, each priot operation and Many from were saved and mank suffering around by the Many-life in of both decimal first fights, of which till were saved and mank suffering around by the Many of wall, following a second of wall, f

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The other efficiency over in 1905 in which the Weight nor

The Collier Trophy for 1926 Pindley, Porter Admis.
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Coffee, Eac, to be awarded contain by the Network

1915 in W. Stellag Burgen, for development and demonstrating of The tropicy was not assumed from 1817 to 1929 on scenars.

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The Martin Grove Plante Field, on December Street, will mandovertend thrift. Their recording persons, the pure

The Stream Region, who returned to Verton Green. resting of preparation. The Chromoso stok will be without

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OCCUPANT DEVELOPMENT AND SELECTION OF PERSONS AND SELECTION OF PERSONS ASSESSMENT TRAINS

Manch 50 and April 3," he seed. "The first of the Corline

Boston News

in Posts Advan During the last rook the results and reserve points at the Restor Apport made 50 faghts with a total time of 1150 same afternoon, and the other by Laux Frank Cruwley on Thursday, who they to Mitched Field with a DEI and recomof or Fribr. The National Court, 26th Diverson, Air Service, made 14 flights with a both time of 650 min., while

time of 555 min. During the week there were also several notable flights

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A high 90 M.P. commercial job which appears in pulses and largerer Decrees of questity production we see able to offer the Englands For Adjustmention on union tentant of the practice, well-



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Sowed T. O'Teole, one of the Directors of the Boston An port Corporation in addition the Belianes made sandling fight to Congression survivae W. Droop Bellevil, President of 20th there is econe to be an airplace new to help along the

contracted should, one of the best being who

Duran a starte day this week the Wriets Statemen one.

possion who had been so Beeten with the plane for the

Avision Store. Among the pussessors carried on these States were E. J. Ovanton, a member of the Chamber of

Countries Councilies on Avadore; De Henry F Lobby and

O'Tour, wife of the oblier of the Bester-Hersid, is chairman Florida Airways Corp.

able one will be even to the woner. Mrs. Robert Libraria

built by the Stoot Metal Agraign Company, could be Hangy hold send the asymmetries, the landing fields in Florids and

is which to have approximate because of the formula absenta conditions, and the named congestion there of stail and gradically all clauses of freight. Two stoumskip have beprocessed in cause of traggs. Two seconds had be-twee Beston, New York and Flunds, am booked for weeks to offense. Prophedly every city in Physics has orbed up to extend our movies to them. Agr franchist has become a

The coupers will make four round treps a day between

Thunked By Air Service of the National Assumption Assumption in golding bywas

The statement explanard that many are nonderto have been was low for other reasons. Proceed fundings in unknown.

Pilot Harled From Airelane Dracenda Safety to

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